

**METHOD AND APPARATUS FOR PROVIDING
IMPROVED ANTENNA BANDWIDTH**

5

ABSTRACT OF THE INVENTION

A radio communication device (100) includes a metallized housing and an antenna (106). The metallized housing includes an antenna bandwidth enhancement slot (108) that causes multiple electrical paths to be generated for the dense surface currents found on the metallized housing. Hence, multiple resonances are introduced to the antenna (106). A method for increasing the antenna bandwidth for a radio communication device that utilizes a metallized conductive housing is also described.